

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
25 September 2003 (25.09.2003)

PCT

(10) International Publication Number
WO 03/078201 A1

(51) International Patent Classification⁷: B60N 2/30

J. [US/US]; 35572 Johnstown Road, Farmington Hills, MI 48335 (US).

(21) International Application Number: PCT/US03/07790

(22) International Filing Date: 13 March 2003 (13.03.2003)

(74) Agents: SIMONELLI, David, J. et al.; Clark Hill PLC, Suite 3500, 500 Woodward Avenue, Detroit, MI 48226-3435 (US).

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/365,043 14 March 2002 (14.03.2002) US

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(71) Applicant (*for all designated States except US*): INTIER AUTOMOTIVE SEATING OF AMERICA, INC. [US/US]; 600 Wilshire Drive, Troy, MI 48084 (US).

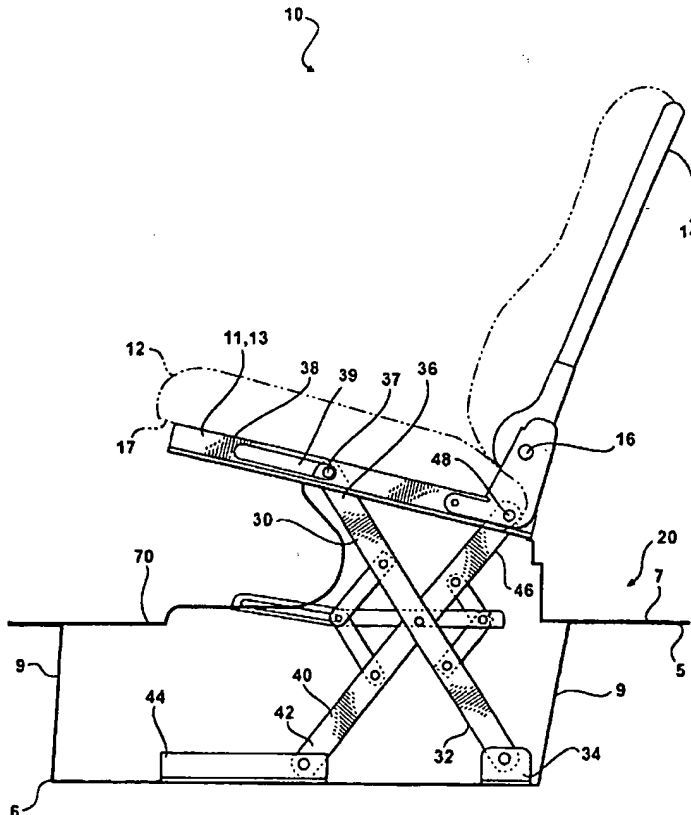
(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

(72) Inventor; and

(75) Inventor/Applicant (*for US only*): HOLDAMPF, Carl,

[Continued on next page]

(54) Title: DROP DOWN STOW IN FLOOR AUTOMOTIVE VEHICLE SEAT ASSEMBLY



(57) Abstract: A seat assembly (10) supports an occupant above a floor (7) having a load floor and a recess (6) extending therebelow. The seat assembly includes a seat cushion (12) extending between a seating surface (15) and a bottom surface (17). A riser mechanism (20) extends between the bottom surface (17) of the seat cushion and the floor (7) for allowing selective movement of the seat assembly between a seating position to support the occupant above the load floor and a stowed position disposed within the recess in the floor. A panel (70) is operatively coupled to the riser mechanism (20) for movement with the seat assembly between the seating position, wherein the panel (70) conceals the recess (6) in the floor, and said stowed position, wherein the panel is disposed within the recess to provide access thereto allowing the seat assembly to be stowed in the recess.

WO 03/078201 A1